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U.S. DEPARTMENT OF COMMERCE
National Bureau of Standards

NBS Special Publication 751

Abstract and Index Collection – National Bureau of Standards Research Information Center

Diane Cunningham

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The National Bureau of Standards[1] was established by an act of Congress on March 3, 1901. The Bureau's overall goal is to strengthen and advance the Nation's science and technology and facilitate their effective application for public benefit. To this end, the Bureau conducts research to assure international competitiveness and leadership of U.S. industry, science and technology. NBS work involves development and transfer of measurements, standards and related science and technology, in support of continually improving U.S. productivity, product quality and reliability, innovation and underlying science and engineering. The Bureau's technical work is performed by the National Measurement Laboratory, the National Engineering Laboratory, the Institute for Computer Sciences and Technology, and the Institute for Materials Science and Engineering.

The National Measurement Laboratory

Provides the national system of physical and chemical measurement; coordinates the system with measurement systems of other nations and furnishes essential services leading to accurate and uniform physical and chemical measurement throughout the Nation's scientific community, industry, and commerce; provides advisory and research services to other Government agencies; conducts physical and chemical research; develops, produces, and distributes Standard Reference Materials; provides calibration services; and manages the National Standard Reference Data System. The Laboratory consists of the following centers:

- Basic Standards[2]
- Radiation Research
- Chemical Physics
- Analytical Chemistry

The National Engineering Laboratory

Provides technology and technical services to the public and private sectors to address national needs and to solve national problems; conducts research in engineering and applied science in support of these efforts; builds and maintains competence in the necessary disciplines required to carry out this research and technical service; develops engineering data and measurement capabilities; provides engineering measurement traceability services; develops test methods and proposes engineering standards and code changes; develops and proposes new engineering practices; and develops and improves mechanisms to transfer results of its research to the ultimate user. The Laboratory consists of the following centers:

- Computing and Applied Mathematics
- Electronics and Electrical Engineering[2]
- Manufacturing Engineering
- Building Technology
- Fire Research
- Chemical Engineering[3]

The Institute for Computer Sciences and Technology

Conducts research and provides scientific and technical services to aid Federal agencies in the selection, acquisition, application, and use of computer technology to improve effectiveness and economy in Government operations in accordance with Public Law 89-306 (40 U.S.C. 759), relevant Executive Orders, and other directives; carries out this mission by managing the Federal Information Processing Standards Program, developing Federal ADP standards guidelines, and managing Federal participation in ADP voluntary standardization activities; provides scientific and technological advisory services and assistance to Federal agencies; and provides the technical foundation for computer-related policies of the Federal Government. The Institute consists of the following divisions:

- Information Systems Engineering
- Systems and Software Technology
- Computer Security
- Systems and Network Architecture
- Advanced Systems

The Institute for Materials Science and Engineering

Conducts research and provides measurements, data, standards, reference materials, quantitative understanding and other technical information fundamental to the processing, structure, properties and performance of materials; addresses the scientific basis for new advanced materials technologies; plans research around cross-cutting scientific themes such as nondestructive evaluation and phase diagram development; oversees Bureau-wide technical programs in nuclear reactor radiation research and nondestructive evaluation; and broadly disseminates generic technical information resulting from its programs. The Institute consists of the following divisions:

- Ceramics
- Fracture and Deformation[3]
- Polymers
- Metallurgy
- Reactor Radiation

[1] Headquarters and Laboratories at Gaithersburg, MD, unless otherwise noted; mailing address Gaithersburg, MD 20899.
[2] Some divisions within the center are located at Boulder, CO 80303.
[3] Located at Boulder, CO, with some elements at Gaithersburg, MD.

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Abstract and Index Collection — National Bureau of Standards Research Information Center

Diane Cunningham

National Bureau of Standards
Information Resources and Services Division
Gaithersburg, MD 20899

Third Edition

August 1988

U.S. Department of Commerce
C. William Verity, Secretary

National Bureau of Standards
Ernest Ambler, Director

Library of Congress Catalog Card Number: 88–600564

National Bureau of Standards Special Publication 751
Natl. Bur. Stand. (U.S.), Spec. Publ. 751, 33 pages (August 1988)
CODEN: XNBSAV

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1988

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402–9325

PREFACE

This Publication lists the major abstracts and indexes available in the collections of the National Bureau of Standards' (NBS) Research Information Center (RIC). It supersedes and revises NBSIR 84-2933, which is dated August 1984. Entries in the main index, which are arranged alphabetically, include the current title of the abstract or index, RIC's holdings, major sources used to compile information, publisher or publishing association, corresponding online database (if one exists), RIC call number, and collection/area designation.

Unless otherwise designated, abstracts and indexes are located in the "Abstracts" section on the first floor of the RIC. Other areas and locations which include selected abstracts and indexes are designated by the following:

BIOG = located in the Biography section
IGA = located in the Intergovernmental Affairs Collection
M = located in the Microform Collection
NBS = located in the NBS Reports Collection
NCC = located in the Noncurrent Collection

In addition to being listed by current title, abstracts and indexes are grouped in a general subject index. They are also listed by their former titles and by their database names.

I wish to thank Karen Jones for her able assistance and diligence in preparing this Publication.

Diane Cunningham
Research Information Services

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ABSTRACTS AND INDEXES AVAILABLE AT THE NATIONAL BUREAU OF STANDARDS RESEARCH INFORMATION CENTER

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
ACM GUIDE TO COMPUTING LITERATURE	Index to the literature of computing and related disciplines	Association for Computing Machinery	QA 76 .C62
1974–	Journals, Books, Proceedings, Reports, Theses	–	
ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY	Current literature on the principles and technologies of pulp, paper and board manufacturing	Institute of Paper Chemistry	Z 7914 .P2A6
v. 1, 1930/31–	Journals, Patents	PAPERCHEM	
ABSTRACT JOURNAL IN EARTHQUAKE ENGINEERING	Comprehensive literature in earthquake hazard mitigation	Earthquake Engineering Research Center	TA 658.44 .A25
v. 1, 1971–	Journals	–	
AMERICAN CONCRETE INSTITUTE 55-YEAR INDEX	Index to the proceedings and journal of the American Concrete Institute	American Concrete Institute	TA 681 .A5
1905–1959	Proceedings, Journals	–	
AMERICAN STATISTICS INDEX: INDEXES/ABSTRACTS	Index and abstracts to statistical publications of the U.S. government	Congressional Information Service (CIS)	HA 195 .A52
1974–1984	Journals, Reports	ASI	
ANALYTICAL ABSTRACTS	International literature dealing with all branches of analytical chemistry; formerly BRITISH ABSTRACTS	The Royal Society of Chemistry	QD 71 .A49
v. 1, 1954–	Journals	ANALYTICAL ABSTRACTS	
APPLIED MECHANICS REVIEWS	International literature in engineering sciences	American Society of Mechanical Engineers (ASME)	TA 1 .A63953
v. 1, 1948–v. 39, 1986	Journals, Books	–	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
APPLIED SCIENCE AND TECHNOLOGY INDEX	Cumulative subject index to English language journals in the fields of aeronautics and space science, computer technology, chemistry, construction, energy resources, electricity and electronics, engineering, industrial and mechanical arts, etc.; formerly INDUSTRIAL ARTS INDEX	H. W. Wilson Co.	Z 7913 .I7
v. 1, 1913–	Journals	APPLIED SCIENCE AND TECHNOLOGY INDEX	
ASTRONOMY AND ASTROPHYSICS ABSTRACTS	Worldwide astronomical publications	Astronomisches Rechen-Institut/ (Germany)/Springer Verlag	QB 1 .A862
v. 1, 1969–	Journals	–	
ATOMIC ABSORPTION AND EMISSION SPECTROSCOPY ABSTRACTS	Worldwide documentation of all aspects of atomic absorption and emission spectrometry; formerly ATOMIC ABSORPTION AND FLAME EMISSION SPECTROSCOPY ABSTRACTS	PRM Science and Technology Agency Ltd. (U.K.)	QD 95 .A7
v. 1, 1969–v. 17, 1985	Journals, Proceedings, Unpublished Reports	–	
AUSTRALIAN SCIENCE INDEX	Scientific and technical literature published in Australian journals	Commonwealth Scientific and Industrial Research Organization (CSIRO) (Australia)	M
v. 22, 1978–v. 27, 1983	Journals	–	
BHRA ABSTRACTS JOURNAL	Worldwide scientific and technical literature on the applications of hydraulics in civil and structural engineering; formerly CIVIL ENGINEERING HYDRAULIC ABSTRACTS	British Hydromechanics Research Association/Learned Information	TC 1 .C15
v. 3, 1970–	Journals, Proceedings, Reports	FLUIDEX	
BNF NON-FERROUS METALS ABSTRACTS (British Non-Ferrous Metals Resource Assoc.)	Published information on non-ferrous metallurgy and technology; formerly BRITISH NON-FERROUS METALS RESEARCH ASSN. BULL.	The BNF Metals Technology Centre (U.K.)	TA 459 .B71
1970–1983	Journals, Patents, Books	NON-FERROUS METALS ABSTRACTS	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
BIOGRAPHY INDEX	Cumulative index to biographical material	H. W. Wilson Co.	Z 5301 .B5
v. 1, 1949–v. 41, 1987	Books, Periodicals	BIOGRAPHY INDEX	BIOG
BIOTECHNOLOGY RESEARCH ABSTRACTS	Literature concerning all aspects of biotechnology	Cambridge Scientific Abstracts	TP 248.2 .B582
v. 3, 1986–	Journals	–	
BRITISH CERAMIC ABSTRACTS	International literature of ceramics	British Ceramic Research Ltd.	TP 785 .B58
1978–	Patents, Journals	–	
BUILDING SCIENCE ABSTRACTS	Literature of materials, design and building research	Her Majesty's Stationery Office	TH 1 .G7
v. 1, 1925–v. 49, 1976	Journals, Reports	–	
BUSINESS PERIODICALS INDEX	Index to journals in the fields of accounting, advertising, banking and finance, business, insurance, labor and management, taxation, personnel administration, etc.	H. W. Wilson Co.	HF 5001 .B8
v. 1, 1958–	Journals	BUSINESS PERIODICALS INDEX	
CA REVIEWS INDEX (CARI)	A key word in context (KWIC) index to all reviews that appear in CHEMICAL ABSTRACTS	Royal Society of Chemistry	QD 1 .A5124 (Shelved with
v. 86, 1977–v. 97, 1982	Journals	–	Chemical Abstracts)
CIS INDEX/ANNUAL	Index to congressional publications	Congressional Information Service (CIS)	KF 49 .C621
1970–	Hearings, Public Laws, Reports, Bills	CIS	IGA
CSIRO ABSTRACTS (Commonwealth Scientific and Industrial Research Organization)	Abstracts of CSIRO published papers and translations; formerly CSIRO SCIENCE INDEX	CSIRO Central Information (Australia)	Q 4 .A9
v. 1, 1952–v. 22, 1974	Journals, Reports, Proceedings	–	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
CSIRO INDEX	Index of CSIRO published papers and translations	CSIRO Central Information (Australia)	Q 179.9 .A9
v. 1, 1975–	Journals, Translations, Reports	–	(M–Later years only)
CERAMIC ABSTRACTS	International literature of ceramics	American Ceramic Society	TP 785 .A64
v. 1, 1922–	Journals, Patents, Books	AMERICAN CERAMIC ABSTRACTS	
CHEMICAL ABSTRACTS	Comprehensive worldwide literature of chemistry, including biochemistry and chemical engineering	American Chemical Society	QD 1 .A51 (Located after unbound journals in back of RIC)
v. 1, 1907–	Journals, Patents, Books, Reviews	CHEMICAL ABSTRACTS	
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series I: Mathematics, Astronomy, Physics	English abstracts of scientific and technical periodicals in China	International Information Service, Ltd. (Hong Kong)	Q 1 .C45
v. 2, 1981–v. 8, 1987	Periodicals	–	
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series II: Chemistry, Earth Science, Energy Sources	English abstracts to scientific and technical periodicals in China	International Information Service, Ltd. (Hong Kong)	Q 1 .C455
v. 6, 1985–v. 8, 1987	Periodicals, Proceedings	–	
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series III: Industrial Technology	Comprehensive index to articles in Chinese scientific and technical publications	International Information Service, Ltd. (Hong Kong)	Q 1 .C46
v. 2, 1981; v. 5, 1984–v. 8, 1987	Periodicals	–	
CHINESE SCIENCE ABSTRACTS Part A: Mathematics, Mechanics, Astronomy and Space, Physics, Technical Sciences	Abstracts of important scientific articles from the Chinese literature	Science Press (Beijing)	Q 1 .C42
1982–	Periodicals, Proceedings	–	
CHINESE SCIENCE ABSTRACTS Part B: Chemistry, Life Sciences, Earth Sciences	Abstracts of important scientific articles from the Chinese literature	Science Press (Beijing)	Q 1 .C44
1982–	Periodicals, Proceedings	–	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
COMPUTER ABSTRACTS	International literature on computer applications	Technical Information Co. Ltd. (U.K.)	QA 76 .C549
v. 4, 1960–	Journals, Reports, Patents, Books	–	
COMPUTER AND CONTROL ABSTRACTS (Science Abstracts Series C)	Worldwide coverage of the literature of all aspects of computers and control	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.	TJ 212 .C61
v. 1, 1966–	Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC	
COMPUTER LITERATUE INDEX	Literature in computer science, not including the more esoteric and academic literature	Applied Computer Research, Inc.	QA 76 .C565
v. 14, 1984–	Journals	–	
COMPUTING REVIEWS	Critical reviews of the current publications in any area of the computing sciences	Association for Computing Machinery (ACM)	QA 76 .C6
v. 1, 1960–v. 22, 1981; v. 25, 1984–	Books, Journals, Proceedings		
CONCRETE ABSTRACTS	International literature of developments in concrete and concrete technology	American Concrete Institute	TA 439 .C56
v. 3, 1974–	Journals, Reports, Books	–	
CONSUMERS INDEX TO PRODUCT EVALUATIONS AND INFORMATION SOURCES	Index to product evaluations and general consumer information	Pierian Press	TS 156.25 .C65
v. 4, 1976–	Journals	–	
CORROSION ABSTRACTS	Worldwide corrosion control literature	National Association of Corrosion Engineers (NACE)	TA 462 .C652
v. 1, 1962–	Journals, Proceedings, Reports	–	
CORROSION CONTROL ABSTRACTS	Translation of Russian REFERATIVNYI ZHURNAL on corrosion and protection against corrosion	Scientific Information Consultants Ltd. (U.K.)	TA 462 .C654
1969–	Journals, Patents	–	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
CUMULATIVE INDEX TO ASCE PUBLICATIONS	Index to the publications of the American Society of Civil Engineers	American Society of Civil Engineers	TA 1 .A58A5
1961–1974	Journals, Proceedings	–	
CURRENT INDEX OF COMPUTER LITERATURE	Listing of the table of contents of computer journals	Information Research Institute, Inc.	QA 76 .C78
v. 1, 1985–	Journals	–	
CURRENT INDEX TO STATISTICS; APPLICATIONS, METHODS AND THEORY	Comprehensive coverage of statistics, its applications, methods, and theory	American Statistical Assoc. and Institute of Mathematical Statistics	HA 1 .C9
v. 1, 1975–	Journals	MATHSCI	
CURRENT PHYSICS INDEX	International literature concerning all aspects of physics research and index to CURRENT PHYSICS MICROFORM	American Institute of Physics (AIP)	QC 1 .C786
v. 1, 1975–	Journals	SPIN	
CURRENT TECHNOLOGY INDEX	Subject guide to the literature in British technical journals; formerly BRITISH TECHNOLOGY INDEX	Library Association Pub. Ltd. (U.K.)	T 1 .C8
v. 3, 1964–	Journals	CURRENT TECHNOLOGY INDEX	
DISSERTATION ABSTRACTS INTERNATIONAL	Abstracts of international doctoral dissertations from participating universities; masters dissertations added recently	University Microfilms, Inc.	Z 5053 .D5 (M–Scattered years)
1862–	Dissertations	DISSERTATION ABSTRACTS ONLINE	
EI ENGINEERING CONFERENCE INDEX	International engineering conference literature	Engineering Information, Inc.	Z 5851 .E6
1983–1984	Proceedings	EI MEETINGS	
ELECTRICAL AND ELECTRONICS ABSTRACTS (Science Abstract Series B)	International literature covering all aspects of electrical and electronics engineering	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.	Q 1 .S331
v. 1, 1898–	Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
ELECTROANALYTICAL ABSTRACTS	International journal dealing with the documentation of all aspects of fundamental, physico-chemical and analytical electro-chemistry	Birkhäuser Verlag (Switzerland)	QD 551 .J62
v. 1, 1963–v. 23, 1985	Journals, Reviews, Books	–	
ELECTRONIC INSTRU-MENTATION	Worldwide publications in measurement science and instrumentation	The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc.	TK 7870 .E38
no. 1, 1976–	Journals	–	
ELECTRONICS AND COM-MUNICATIONS ABSTRACTS	Worldwide publications in electronics and communications	Multi-Science Pub. Co. Ltd. (U.K.)	TK 5101 .A1E48
v. 1, 1961–	Journals, Proceedings, Unpublished Reports	–	
ENERGY RESEARCH ABSTRACTS	Dept. of Energy and U.S. government-sponsored research on all aspects of energy	U.S. Dept. of Energy, Office of Scientific and Technical Infor-mation	TJ 163.2 .U54
1975–	Journals, Reports	DOE ENERGY	
ENGINEERING DATA BANK ABSTRACTS OF REPORTS	Engineering evaluation and qualification test reports, non-standard parts justification data, parts/materials specifications, manufacturing processes, etc.	Government Industry Data Exchange Program (GIDEP)	TS 170 .E5
1977–	Reports, Technical Data	GIDEP	
ENGINEERING INDEX	Transdisciplinary index to the world's engineering literature	Engineering Information, Inc.	Z 5851 .E62
v. 1, 1884–	Journals, Conference Papers	COMPENDEX	
ERGONOMICS ABSTRACTS	International literature on human factors in man-machine systems and physical environ-mental influences	The Ergonomics Information Analysis Centre (U.K.)/ Taylor and Francis	TA 166 .E7132
v. 6, 1974–v. 19, 1987	Journals, Proceedings, Reports, Book Reviews	–	
FAILURE EXPERIENCE DATA BANK SUMMARY	Data on failure information generated whenever significant problems are identified on parts, materials or safety	Government Industry Data Exchange Program (GIDEP)	TS 173 .F3
1979–	Reports, Technical Data	GIDEP	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
FIVE-YEAR INDEX TO ASTM TECHNICAL PAPERS AND REPORTS	Index to the publications of the American Society For Testing and Materials	American Society For Testing and Materials	TA 401 .A525
1898–1970; 1976–1980	Journals, Special Technical Publications	–	
FOREIGN TECHNOLOGY	Listing of current technical foreign reports available from the National Technical Information Service	National Technical Information Service (NTIS)	T 1 .F5
1984–	Reports		
GAS ABSTRACTS	Selected literature on natural and manufactured gas and petroleum production	Institute of Gas Technology	TP 700 .G13
v. 1, 1945– v. 38, 1982	Journals, Patents, Proceedings	–	
GAS CHROMATOGRAPHY LITERATURE, ABSTRACTS AND INDEXES	International literature on gas chromatography	Preston Publications, Inc.	QD 1 .A1G3
v. 2, 1969–	Journals, Conference Papers	–	
GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX	Listing of government and government-sponsored research and development reports	U.S. National Technical Information Service (NTIS)	Z 7916 .B47
v. 1, 1946–	Reports, Journals, Proceedings	NTIS	
INDEX OF MATHEMATICAL PAPERS	An author and subject index of all papers and books reviewed in MATHEMATICAL REVIEWS	American Mathematical Society	QA 1 .M762
v. 1, 1970–v. 9, 1979	Journals, Books	MATHSCI	
INDEX TO SCIENTIFIC AND TECHNICAL PROCEEDINGS	Multidisciplinary listing of published proceedings	Institute for Scientific Information (ISI)	Q 101 .I5
1978–	Proceedings	–	
INDEX TO SCIENTIFIC BOOK CONTENTS	Index to the chapters in scientific books	Institute for Scientific Information (ISI)	Z 7401 .I45
1986–1987	Books	–	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
INDEX TO SCIENTIFIC REVIEWS	International interdisciplinary index to the review literature of science, medicine, agricultural sciences, technology and the behavioral sciences	Institute for Scientific Information (ISI)	Z 7401 .I5
v. 1, 1975–1987	Journals	–	
INDEX TO STATISTICS AND PROBABILITY	International literature of statistics and probability	R & D Press	Z 6654 .M33T84
1973–1975	Journals	MATHSCI	
INFORMATION SCIENCE ABSTRACTS	International literature in the fields of information science, documentation and related areas; formerly DOCUMENTATION ABSTRACTS	Plenum Pub. Co.	Z 699 .A1I5
v. 1, 1966–	Books, Journals, Conference Proceedings, Reports, Patents	INFORMATION SCIENCE ABSTRACTS	
INIS ATOMINDEX (International Nuclear Information System)	International literature of nuclear science relating to its peaceful applications	International Atomic Energy Agency (Austria)	QC 770 .I2
v. 6, 1975–	Reports, Journals, Theses, Proceedings	–	
INTERNATIONAL ABSTRACTS IN OPERATIONS RESEARCH	Worldwide literature in operations research	International Federation of Operational Research Societies/ North-Holland	T 58 .A215
v. 1, 1961–	Journals	–	
INTERNATIONAL AEROSPACE ABSTRACTS	Comprehensive international literature of aerospace science and technology	American Institute of Aeronautics and Astronautics, Inc.	TL 501 .I53
v. 1, 1961–v. 26, 1986	Journals, Books, Proceedings, Translations	AEROSPACE DATABASE	
INTERNATIONAL PETROLEUM ABSTRACTS	Worldwide coverage of petroleum and allied literature concerning oil field exploration and development, petroleum refining and products, and economics; formerly INSTITUTE OF PETROLEUM ABSTRACTS	John Wiley and Sons Ltd.	TN 860 .I53
v. 1, 1973–	Journals	INTERNATIONAL PETROLEUM ABSTRACTS	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
JAPAN BIOSCIENCES	Summaries of current Japanese research information on biochemistry, drugs, molecular and cell biology, bioengineering, food processing, etc.	University Microfilms, Inc.	QH 301 .J36
v. 1, 1988	Journals	JAPAN TECHNOLOGY	
JAPAN CHEMISTRY	Summaries of current Japanese research information on crystals, kinetics, polymers, chemical engineering, etc.	University Microfilms, Inc.	QD 1 .J36
v. 1, 1988	Journals	JAPAN TECHNOLOGY	
JAPAN COMPUTERS	Summaries of current Japanese research information on CAD/ CAM, robots, artificial intelligence, software engineering, etc.	University Microfilms, Inc.	QA 76.5 .J36
v. 1, 1988	Journals	JAPAN TECHNOLOGY	
JAPAN ELECTRONICS	Summaries of current Japanese research information on circuits, sensors, superconducting materials, acoustic devices, etc.	University Microfilms, Inc.	TK 1 .J36
v. 1, 1988	Journals	JAPAN TECHNOLOGY	
JAPAN ENERGY	Summaries of current Japanese research information on geophysics, nuclear power plants, energy conservation, superconductivity, etc.	University Microfilms, Inc.	HD 9502 .J36
v. 1, 1988	Journals	JAPAN TECHNOLOGY	
JAPAN MANUFACTURING	Summaries of current Japanese research information on inventory control, production management, machinery, heat transfer, etc.	University Microfilms, Inc.	TS 183 .J36
v. 1, 1988	Journals	JAPAN TECHNOLOGY	
JAPAN MATERIALS	Summaries of current Japanese research on composites, metallurgy, powder technology, ceramics, textiles, etc.	University Microfilms, Inc.	TA 401 .J355
v. 1, 1988	Journals	JAPAN TECHNOLOGY	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
JAPANESE SCIENCE AND TECHNOLOGY	Japanese technological literature entered into the NASA scientific and technical information system	National Aeronautics and Space Administration, Scientific and Technical Information Branch	Q 127 .J3 J43
1985–	Journals, Reports	NASA/RECON	
JAPANESE TECHNICAL ABSTRACTS	Japanese literature in the areas of technology, applied sciences, engineering, and business management	Japanese Technical Information Service, University Microfilms Inc.	T 1 .J32
v. 1, 1986–v. 2, 1987	Journals	JAPAN TECHNOLOGY	
JOURNAL OF CURRENT LASER ABSTRACTS	International comprehensive coverage on laser theory, design, and application	Pennell Pub. Co.	TK 7871.3 .J65
v. 1, 1964–	Journals, Proceedings, Reports, Patents, Dissertations, Books	–	
JOURNAL OF ECONOMIC LITERATURE	Literature on economic subjects in English language journals	American Economic Association	HB 1 .J6
v. 1, 1963–	Book Reviews, Journals	JOURNAL OF ECONOMIC LITERATURE	(M–Earlier Years)
LIBRARY AND INFORMATION SCIENCE ABSTRACTS (LISA)	International literature of library and information science; formerly LIBRARY SCIENCE ABSTRACTS	Library Association Pub. Ltd. (U.K.)	Z 671 .L617
1969–	Journals	LISA	
LIBRARY LITERATURE	Author and subject index to materials on library and information science	H. W. Wilson Co.	Z 666 .S211
1921–1956	Journals, Books, Pamphlets, Films, Theses	LIBRARY LITERATURE	
MATHEMATICAL REVIEWS	International coverage and reviews of the literature of mathematics	American Mathematical Society	QA 1 .M76
v. 1, 1940–	Journals, Books, Proceedings	MATHSCI	
MEASUREMENTS IN PHYSICS	International literature in the fields of measurement and metrology	The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc.	QC 39 .P5
v. 1, 1976–	Journals	–	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
METAL FINISHING ABSTRACTS	International literature of metal finishing including extensive patent information	Finishing Publications Ltd. (U.K.)	TS 550 .M32
v. 1, 1959–v. 27, 1985	Journals, Patents, Books, Reports	–	
METALLURGICAL ABSTRACTS	International literature covering the whole field of metallurgy	The Metals and Metallurgy Trust (U.K.)	TN 1 .I58
v. 1, 1934–v. 32, 1965; v. 1, 1966–v. 2, 1967	Journals, Reports	–	
METALS ABSTRACTS	Worldwide comprehensive literature on science and practice of metallurgy	The Institute of Metals (U.K.)/ American Society for Metals	TN 1 .M5153
v. 1, 1968–	Journals, Books, Reports, Proceedings, Dissertations, Patents	METADEX	
METROLOGY DATA BANK INDEX	Index to government and industry data in metrology which is essential in research, design, development, production and operational phases of the life cycle of systems and equipment	Government Industry Data Exchange Program (GIDEP)	QC 100.5 .U5
1976–1984	Reports, Technical Data	GIDEP	
MICROCOMPUTER INDEX	A subject index to articles in microcomputer magazines	Database Services	QA 76.5 .M5218
v. 1, 1980–	Journals	MICROCOMPUTER INDEX	
MONTHLY CATALOG OF UNITED STATES GOVERNMENT PUBLICATIONS	Publication listings of U.S. Government agencies	U.S. Government Printing Office (GPO)	Z 1223 .A18 (M–Earlier years)
1895–	Reports, Books, Serials	MONTHLY CATALOG	
MÖSSBAUER SPECTROSCOPY ABSTRACTS	International literature concerning Mössbauer spectroscopy	PRM Science and Technology Agency Ltd. (U.K.)	QC 491 .M63
v. 2, 1979–v. 7, 1984	Journals, Proceedings, Reports	–	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/ SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
NUCLEAR SCIENCE ABSTRACTS	Worldwide comprehensive literature of nuclear science; formerly U.S. ATOMIC ENERGY COMMISSION (AEC). ABSTRACTS OF DECLASSIFIED DOCUMENTS	U.S. Department of Energy	QC 770 .U64
v. 1, 1948–v. 33, 1976	Reports, Books, Proceedings, Patents, Journals	NUCLEAR SCIENCE ABSTRACTS	
OPERATIONS RESEARCH/ MANAGEMENT SCIENCE	International literature of operation research and management science	Executive Sciences Institute, Inc.	HD 20 .06
v. 9, 1969–	Journals	–	
PHOTOGRAPHIC ABSTRACTS	Abstracts of the world literature of the science, technology and applications of photography	The Royal Photographic Society of Great Britain /Pergamon Press	TR 1 .P4
v. 1, 1921–1987	Journals, Patents	PHOTOGRAPHIC ABSTRACTS	
PHYSICS ABSTRACTS (Science Abstracts Series A)	International literature covering the entire field of physics	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.	Q 1 .S311
v. 1, 1898–	Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC	
PHYSICS BRIEFS; PHYSIKALISCHE BERICHTE	Worldwide literature covering all fields of physics and related topics	Physik Verlag (West Germany)	QC 1 .P68
v. 1, 1920–v. 5, 1983	Journals, Books, Patents, Reports, Theses, Proceedings	PHYSICS BRIEFS	
POLISH TECHNICAL AND ECONOMIC ABSTRACTS	Index to the scientific and technical literature of Poland	Center for Scientific, Technical and Economic Information (Poland)	T 4 .P5
1979–	Journals, Books, Reports	–	
PUBLIC AFFAIRS INFORMATION SERVICE (PAIS) BULLETIN	Worldwide literature related to economic and social conditions, public administration and international relations	Public Affairs Information Service (PAIS), Inc.	Z 7163 .P9
v. 55, 1969–	Books, Pamphlets, Government Publications, Reports, Journals	PAIS	

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RAPRA ABSTRACTS	World's literature in rubber, plastics, and associated fields	Rubber and Plastics Research Association of Great Britain	TS 1870 .R61
v. 2, 1924–v. 19, 1982	Journals, Patents	RAPRA ABSTRACTS	
READERS' GUIDE TO PERIODICAL LITERATURE	Cumulative author-subject index to periodicals of general interest covering a wide variety of general subjects	H. W. Wilson Co.	AI 3 .R4
v. 29, 1969–	Periodicals	READERS' GUIDE TO PERIODICAL LITERATURE	
REFERATIVNYI ZHURNAL: FIZIKA	World's literature in physics	Akademiya Nauk SSSR, Institut Nachnoi Informatsii (U.S.S.R.)	QC 1 .A419
1960–	Journals, Books, Patents	–	
REFERATIVNYI ZHURNAL: MATEMATIKA	World's literature in mathematics	Akademiya Nauk SSR, Institut Nachnoi Informatsii (U.S.S.R.)	QA 1 .A373
1966–	Journals, Books, Patents	–	
REFERATIVNYI ZHURNAL: MEKHANIKA	World's literature in mechanics	Akademiya Nauk SSSR, Institut Nachnoi Informatsii (U.S.S.R.)	QC 1 .A41
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REFERATIVNYI ZHURNAL: METALLURGIYA	World's literature in metals	Vsesoyuznyi Institut Nauchno-Tekhnicheskoi Informatsii	TN 1 .R4
1984–1987	Journals, Books, Patents	–	
REFERENCE SOURCES	Comprehensive guide to reference materials	Pierian Press	Z 1035.1 .R4
v. 1, 1977–v. 7, 1983	Books	–	
RELIABILITY–MAINTAINABILITY DATA INTERCHANGE	Reliability and maintainability data on parts, components, assemblies, equipment, etc.	Government Industry Data Exchange Program (GIDEP)	TS 173 .R45
1978–	Reports, Technical Data	GIDEP	

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v. 1, 1958–	Journals	–	
ROBOTICS TECHNOLOGY ABSTRACTS	Worldwide literature on the manufacture and use of robots	Cranfield Press (U.K.)	TS 191.8 .R64
v. 3, 1984–	Journals, Reports, Patents, Proceedings	–	
ROYAL SOCIETY OF LONDON. CATALOGUE OF SCIENTIFIC PAPERS	Standard index to nineteenth century scientific papers	Her Majesty's Stationery Office (HMSO) (U.K.)	Z 7403 .R88
v. 1, 1867–v. 19, 1925	Journals, Transactions	–	
SAFETY SCIENCE ABSTRACTS	International literature devoted to identifying, evaluating, and eliminating or controlling hazards	The Institute of Safety and Systems Management/ Cambridge Scientific Abstracts	T 55 .A1S3
v. 1, 1973–v. 9, 1982	Journals, Reports, Proceedings, Books, Dissertations, Patents	SAFETY	
SCIENCE CITATION INDEX	International interdisciplinary index to the literature of chemistry, physics, medicine, agriculture, technology, etc.	Institute for Scientific Information (ISI)	Z 7401 .S365
v. 1, 1955–	Journals	SCISEARCH	
SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS	Comprehensive worldwide literature on the science and technology of space and aeronautics	U.S. National Aeronautics and Space Administration (NASA)	TL 787 .U51
v. 1, 1963–	Reports, Patents, Dissertations	AEROSPACE DATABASE	
SELECTED WATER RESOURCES ABSTRACTS	Literature on the conservation, control, use and management of water	Water Resources Scientific Information Center, U.S. Dept. of the Interior	TD 201 .S4
v. 2, 1969–v. 9, 1976	Books, Journals, Reports	WATER RESOURCES ABSTRACTS	
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STATISTICAL REFERENCE INDEX (SRI)	Index and abstracts to American statistical publications from private organizations and state government sources	Congressional Information Service (CIS)	HA 195 .S75
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STATISTICAL THEORY AND METHOD ABSTRACTS	International literature of statistical mathematics	International Statistical Institute–Longman Group Ltd. (U.K.)	HA 1 .S764
v. 1, 1959–	Journals, Reports, Proceedings	–	
STEELS ALERT	International literature on developments in the steel industry	Materials Information	TN 1 .M51531
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SURFACE TREATMENT TECHNOLOGY ABSTRACTS	International literature of metal finishing, surface-treatment, printed circuits and electronics coatings	Finishing Publications Ltd. (U.K.)	TP 155.7 .S83
v. 28, 1986–	Journals, Patents, Books, Reports	–	
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TECHNICAL TRANSLATIONS	Listing of English translations of scientific and technical literature prepared by government and private sources	Clearinghouse for Federal, Scientific and Technical Information (NTIS)	Z 7401 .T712
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v. 1, 1977–	Journals	–	
TRANSLATIONS REGISTER INDEX	Listing of unpublished translations into English from the world literature of the natural, physical, medical, and social sciences	National Translations Center	Z 7401 .T7
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WORLD TEXTILE ABSTRACTS	Worldwide literature of textiles and the textile industry	Shirley Institute (U.K.)	TS 1300 .W6
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WORLD TRANSINDEX	Translations of literature relating to all fields of science and technology	International Translations Centre (The Netherlands)/ British Lending Library	Z 7401 .W62
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WORLD TRANSLATIONS INDEX	Translations in all fields of science and technology	International Translations Centre/National Translations Center	Z 7401 .W63
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v. 1, 1931–v. 358, 1978	Books, Journals, Proceedings	MATH	

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BRITISH ABSTRACTS SERIES A, B, C	International literature of all aspects of chemistry	Bureau of Abstracts (U.K.)	QD 1 .B68
1926–1953	Journals, Proceedings	–	NCC
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1938–1983	Books	CUMULATIVE BOOK INDEX	
INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE	International literature of all sciences	Royal Society of London	Z 7401 .I62
1901–1914	Journals	–	NCC
JAHRBUCH ÜBER DIE FORTSCHRITTE DER MATHEMATIK	Worldwide literature of mathematics	de Gruyter (Germany)	QA 1 .J4 NCC
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Agriculture and Agricultural Engineering	Chemical Abstracts EI Engineering Conference Index Engineering Index Government Reports Announcements and Index Science Citation Index Selected Water Resources Abstracts
Architecture and Design	EI Engineering Conference Index Engineering Index
Biography	Biography Index
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Civil Engineering	Abstract Journal in Earthquake Engineering American Concrete Institute 55-year Index BHRA Abstracts Journal Corrosion Abstracts Concrete Abstracts Cumulative Index to the ASCE Publications EI Engineering Conference Index Engineering Data Bank Abstracts of Reports Engineering Index Failure Experience Data Index Government Reports Announcements and Index Reliability-Maintainability Data Interchange Science Citation Index Selected Water Resources Abstracts
Computer Science	ACM Guide to Computing Literature Computer Abstracts Computer and Control Abstracts Computer Literature Index Computing Reviews Current Index of Computer Literature Information Science Abstracts International Abstracts in Operations Research Japan Computers Microcomputer Index Operations Research/Management Science
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ASM Translation Index		Translations Index
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British Abstracts		Analytical Abstracts
British Non-Ferrous Metals Research Assn. Bull.		BNF Non-Ferrous Metals Abstracts
British Technology Index		Current Technology Index
CARI		CA Reviews Index
CBI		Cumulative Book Index
CSIRO Science Index		CSIRO Abstracts
Channel		BHRA Abstracts Journal
Chemical Abstracts Reviews Index		CA Reviews Index
Civil Engineering Hydraulics Abstracts		BHRA Abstracts Journal
Current Physics Microform		Current Physics Index
Documentation Abstracts		Information Science Abstracts
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Industrial Arts Index		Applied Science and Technology Index
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Metron		Electronic Instrumentation Measurements in Physics

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U.S. DEPT. OF COMM. BIBLIOGRAPHIC DATA SHEET (See instructions)	1. PUBLICATION OR REPORT NO. NBS/SP-751	2. Performing Organ. Report No.	3. Publication Date August 1988

4. TITLE AND SUBTITLE

Abstract and Index Collection - National Bureau of Standards Research Information Center

5. AUTHOR(S)

Diane Cunningham

6. PERFORMING ORGANIZATION (If joint or other than NBS, see instructions)

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7. Contract/Grant No.

8. Type of Report & Period Covered

Final

9. SPONSORING ORGANIZATION NAME AND COMPLETE ADDRESS (Street, City, State, ZIP)

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10. SUPPLEMENTARY NOTES

Library of Congress Catalog Card Number: 88-600564

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15. Price

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*U.S. Government Printing Office : 1988 - 201-597/92538

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